

Sahand

DATE / / SUBJECT:
رع صبى ليمان مدوري فيسم اول ولي منطاع منطاع المان ١٥ كنام ٢٤ ومندى قد ١٠٤ معدولات
2+223 -> Zzy+3 - Vz SS-(Y-3) dA, Re « SASY, « SYSTEMY
Cov2 5 (4-3) dydn 2 (4-14- 4-4) dn 2 [3/En/dn-(1-1/4)]
53 (F-N" dn = [" NJF-N" + Y Sin" (4)] ~ V2 "T1 - 1 2 9T1-1
انسلال عى نىم ولى سى كس الله ا
2) [dydn nercost, to rsing - I croser
2) $\int \int \partial u du = \int \int \int \int \partial u du = \int \int \partial u du = \partial u du =$
at Ital
1) [1 (1-yr n2 rcost, 22 vsint)
$\int_{0}^{\infty} \ln (r'+1) r dr d\theta = \int_{0}^{\infty} \left[\frac{(r'+1)(\ln (r'+1)-1)}{2} \right] d\theta$
$= \int_{0}^{\infty} \left(\frac{Y \ln 2 - 1}{2} \right) d\theta = \Pi(\ln 4 - 1)$

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टक्नुंकि र जोग्यः
[2] Jen x=4-1 de 10 147=2 pio, Chientoio de sudi mil ans almi (2
2+2=2->2=2-1 -> 0[2[4-1]
$-N^{2} \int_{0}^{4} \int_{0}^{4} \frac{1}{(4-4)} dy dx = \int_{0}^{4} \left[\frac{1}{(4-4)} dy - \frac{1}{(4-4)} \right] dx = \left[\frac{1}{4} \left(\frac{1}{(4-4)} \right) \right] dx = \left[\frac{1}{4} \left(\frac{1}{(4-4$
2/01/20 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
N+5/=1 -> 55/1-Nr -> 0 <5/2 < 1-Nr) -> 0 < 3/2 < 1-
$-\frac{3\sqrt{2}}{3}\int_{0}^{1} \left(1-u^{2}\right)dn = 8\left(1-\frac{u^{2}}{3}\right)^{1} = \frac{16}{3}$
دُفِي لَسْ لَهُ فِي عَالِمُ الْحَكَمِ لِلْهُ اللَّهِ عَالِمُ الْحَكَمِ لِلْهُ اللَّهِ عَالَمَ الْمُلَّالُ وَمَا كَانِهِ :
[2] (n'+1'+2) doi (π) σ(ν): 8 Γ(ν,θ) = 8in Pcosi + Sin 9 sinθ) + cos 9 κ
->10=-8in Psin Di+8in Pcasa ? r zcos & Bi+ cos coinai sin El
2/ VANTOI = Sing - Iz 5 " (Sin' POS'A + Sin P SIND + COS G) Sing dedo
$\frac{2 v_{\theta N}r_{\phi} = \sin\phi}{-1} = \frac{\sin^{2}(\sin^{2}(\sin^{2}(\cos)(\cos^{2}(\cos^{2}(\cos)(\cos^{2}(\cos)(\cos^{2}(\cos)(\cos^$

DATE // SUBJECT: $S = \int (u_1 d_1 z) \in \mathbb{R} \left[\frac{u_1^2 + u_2^2 + u_3^2}{u_1^2 + u_2^2 + u_3^2} \right] = \int \frac{u_1^2 + u_2^2}{u_1^2 + u_3^2} = \int \frac{u_1^2 + u_3^2}{u_1^2 + u_3^2} = \int$

 $\frac{1}{2} \iint \frac{(n'\sin y + n'+1)dA}{(n'\sin y + n'+1)dA} \frac{(n \cos y + n'+1)dA}{(n \cos y + n'+1)dA} \frac{1}{4} \frac{1}{$

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3 mb-C106-52 4 P23 0/ 865 P21-6059 mg (P2/0 6 92) V in ie.
12 M (n'ey'+z' dr
22 Sin POP, L= Sin PCOSOP, Z= COSPP - JAY+2'=P
$I_{2} \int_{\frac{\pi}{3}}^{\pi} \int_{\frac{\pi}{3}}^{\pi} \int_{\frac{\pi}{3}}^{1-\infty} \int_{\frac{\pi}{3}}^{\pi} \int_{\frac{\pi}{3}}^{1-\infty} \int_{\frac{\pi}{3}}^{\pi} \int_{\frac{\pi}{3}}^{\pi} \int_{\frac{\pi}{3}}^{1-\infty} \int_{\frac{\pi}{3}}^{\pi} \int_{\frac{\pi}{3}}^{\pi} \int_{\frac{\pi}{3}}^{1-\infty} \int_{\frac{\pi}{3}}^{\pi} \int_$
(1 2 5 1 0 (1-056) - 11) Sin Pd PdD = 5 10 FW do = 4770
Fz(2 2, 4+ 2) . My distil a om all ising F also alongio or miss ilosini
$\frac{div F = \frac{d}{dn} \left(\frac{1}{n} - \frac{1}{n} \right) + \frac{d}{dn} \left(\frac{1}{n} + \frac{1}{n} \right) = -in + in$
div F = on (x-n') + ox (n'+y') = -rn +ry
-> [(-ra+rz)dadz = [(-ra+rz) dzda = [(-raz+y)] n da
$-\sqrt{3} - \sqrt{3} = \frac{1}{3}$
on the first series of court in frequenting the first of the series in t
N+12=U → N= U+1/V 3 , 2= U-V → I(U,V)= 1-2= -1/3 De 1==
(>=== 1 : 420, ====================================
(*) $I = \int_{0}^{1} \int_{0}^{1} \frac{u}{\cos v} \left(-\frac{1}{3}\right) du dv = \int_{0}^{1} \left(-\frac{1}{3}\right)(2) \frac{1}{\cos v} = -\frac{2}{3} \left[\ln\left(\tan x + \sec x\right)\right]_{0}^{1}$
\$ (u,r)

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- dus his edm like ond start, 12-21, (12-21, 1247) 27, 862 con com
- CN/ 72 C pio, 226-22 - 12 Y Cle Grand N
g22+1/1 +1/2 - 420 -> Vg= (FA, FZ,1) C> Vg = [144+144+1
-> NE Vg (KM, KY, 1) -> FON = MNZ + FX - 147 + 12 - 21 -> NE Vg (KM, KY, 1) -> FON = MNZ + FX - 147 + 12 - 21
-> ds= 1/91 dA -> \$\int (1/1/2+\f2-1/1/2) +2\f2-2\int) dA, \text{220} \text{2} 14 1/9-11 R (1/1/2+\f2-1/1/2) +2\f2-2\int) dA, \text{220} \text{2}
7×+2/23
(p ₂ k ₎
-TF-17-17-17-17-18-14-18-14-18-18-18-18-18-18-18-18-18-18-18-18-18-
-> [TE 10 (LOA My + LLAKEN, - ALA) gn -> 171.01.
(1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1
div F= 3 (22+21),+ 3 (Fx-1) = X + 1 -> S (x'+12) dy dn = \ n'+10n'+10n'
div F= 2 (22+21),+ 3 (Fx-1) = 2 + 1 -> \((x'+1u) dy dn = \) \(x'+10 n'+10 n' +10 n'
-> Journale, dy dt.
(+) \[(t(t+3)'+t') dt - (+t-1) dt = \frac{93}{4}, \(\begin{array}{c} 3 \cdot (3) & \cdot (4) & \text{ti +of } 2 \\ \end{array} \]
Sahand dt = 21 → 21 - 93 = -9 co classocieté Sahand